

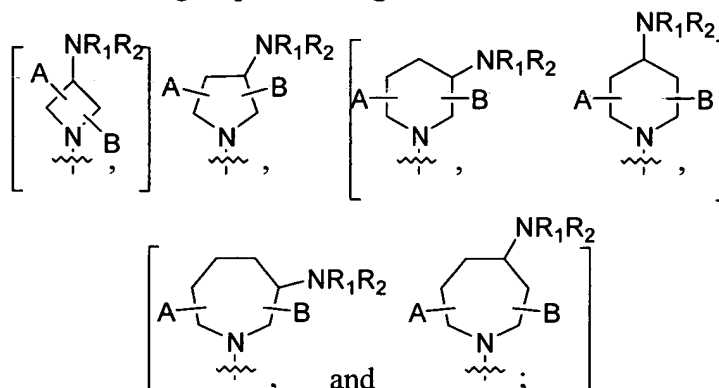
# CLAIM AMENDMENTS

1. (Currently Amended) A compound of formula I

Z-R<sub>3</sub>

I,

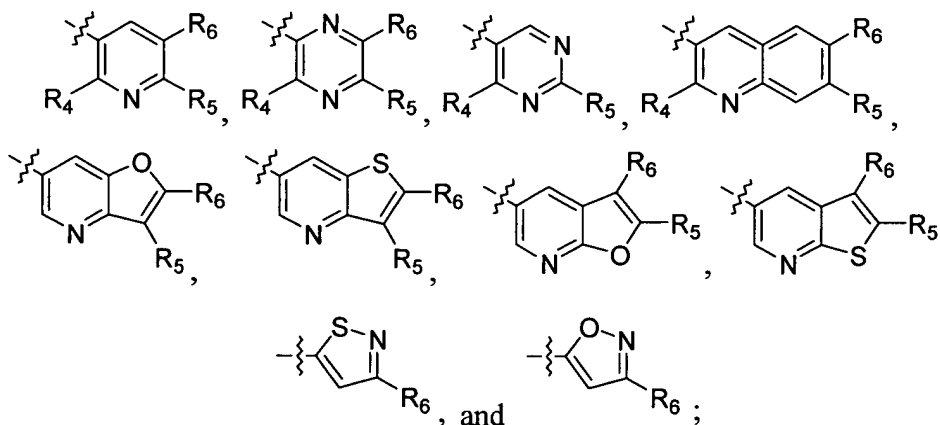
or pharmaceutically acceptable salts thereof wherein,  
Z is selected from the group consisting of



R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of hydrogen and alkyl;

A and B are independently absent or independently selected from the group consisting of alkenyl, alkoxy, alkoxy carbonyl, alkyl, alkynyl, carboxy, haloalkyl, halogen, hydroxy, and hydroxyalkyl;

R<sub>3</sub> is selected from the group consisting of



R<sub>4</sub> is selected from the group consisting of hydrogen, alkyl, and halogen;

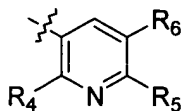
R<sub>5</sub> is selected from the group consisting of hydrogen, alkoxy, alkyl, halogen, nitro, and -NR<sub>10</sub>R<sub>11</sub> wherein R<sub>10</sub> and R<sub>11</sub> are independently selected from the group consisting of hydrogen and lower alkyl;

R<sub>6</sub> is selected from the group consisting of hydrogen, alkenyl, alkoxy, alkoxyalkoxy, alkoxyalkyl, alkoxy carbonyl, alkoxy carbonylalkyl, alkyl, alkyl carbonyl, alkyl carbonyloxy, alkylthio, alkynyl, amino, aminoalkyl, aminocarbonyl, aminocarbonylalkyl, aminosulfonyl, carboxy, carboxyalkyl, cyano, cyanoalkyl, formyl,

formylalkyl, haloalkoxy, haloalkyl, halogen, hydroxy, hydroxyalkyl, mercapto, mercaptoalkyl, nitro, 5-tetrazolyl,  $-\text{NR}_7\text{SO}_2\text{R}_8$ ,  $-\text{C}(\text{NR}_7)\text{NR}_8\text{R}_9$ ,  $-\text{CH}_2\text{C}(\text{NR}_7)\text{NR}_8\text{R}_9$ ,  $-\text{C}(\text{NOR}_7)\text{R}_8$ ,  $-\text{C}(\text{NCN})\text{R}_7$ ,  $-\text{C}(\text{NNR}_7\text{R}_8)\text{R}_9$ ,  $-\text{S}(\text{O})_2\text{OR}_7$ , and  $-\text{S}(\text{O})_2\text{R}_7$ ; and

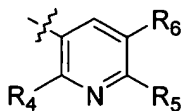
$\text{R}_7$ ,  $\text{R}_8$ , and  $\text{R}_9$  are independently selected from the group consisting of hydrogen and alkyl.

2. (Original) A compound according to claim 1 wherein  $\text{R}_3$  is



Claims 3-6 have been cancelled.

7. (Currently Amended) A compound according to ~~claim 6~~ claim 1 wherein  $\text{R}_3$  is



8. (Original) A compound according to claim 7 selected from the group consisting of  
 $\text{N}-[(3\text{S})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinyl}]-\text{N-methylamine}$ ;  
 $(3\text{S})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N}-[(3\text{S})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinyl}]-\text{N,N-dimethylamine}$ ;  
 $(3\text{R})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N}-[(3\text{R})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinyl}]-\text{N-methylamine}$ ;  
 $\text{N}-[(3\text{R})-1-(6\text{-chloro-3-pyridinyl})\text{pyrrolidinyl}]-\text{N,N-dimethylamine}$ ;  
 $1-(6\text{-chloro-3-pyridinyl})-3\text{-pyrrolidinylamine}$ ;  
 $(3\text{S})-1-(3\text{-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N-methyl-N}-[(3\text{S})-1-(3\text{-pyridinyl})\text{pyrrolidinyl}]\text{amine}$ ;  
 $1-(3\text{-pyridinyl})-3\text{-pyrrolidinylamine}$ ;  
 $(3\text{R})-1-[5-(\text{trifluoromethyl})-3\text{-pyridinyl}]\text{pyrrolidinylamine}$ ;  
 $\text{N-methyl-N}-\{(3\text{R})-1-[5-(\text{trifluoromethyl})-3\text{-pyridinyl}]\text{pyrrolidinyl}\}\text{amine}$ ;  
 $(3\text{S})-1-[5-(\text{trifluoromethyl})-3\text{-pyridinyl}]\text{pyrrolidinylamine}$ ;  
 $\text{N-methyl-N}-\{(3\text{S})-1-[5-(\text{trifluoromethyl})-3\text{-pyridinyl}]\text{pyrrolidinyl}\}\text{amine}$ ;  
 $(3\text{R})-1-(6\text{-chloro-5-methyl-3-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N}-[(3\text{R})-1-(6\text{-chloro-5-methyl-3-pyridinyl})\text{pyrrolidinyl}]-\text{N-methylamine}$ ;  
 $(3\text{S})-1-(6\text{-chloro-5-methyl-3-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N}-[(3\text{S})-1-(6\text{-chloro-5-methyl-3-pyridinyl})\text{pyrrolidinyl}]-\text{N-methylamine}$ ;  
 $(3\text{S})-1-(5,6\text{-dichloro-3-pyridinyl})\text{pyrrolidinylamine}$ ;  
 $\text{N}-[(3\text{S})-1-(5,6\text{-dichloro-3-pyridinyl})\text{pyrrolidinyl}]-\text{N-methylamine}$ ;  
 $(3\text{R})-1-(5,6\text{-dichloro-3-pyridinyl})\text{pyrrolidinylamine}$ ;

N-[(3R)-1-(5,6-dichloro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-fluoro-5-methyl-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-fluoro-5-methyl-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-fluoro-5-methyl-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-fluoro-5-methyl-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-nitro-3-pyridinyl)pyrrolidinylamine;  
N-methyl-N-[(3S)-1-(5-nitro-3-pyridinyl)pyrrolidinyl]amine;  
(3R)-1-(5-nitro-3-pyridinyl)pyrrolidinylamine;  
N-methyl-N-[(3R)-1-(5-nitro-3-pyridinyl)pyrrolidinyl]amine; and  
(2S,3R)-2-(chloromethyl)-1-(3-pyridinyl)pyrrolidinylamine.

Claims 9-18 have been cancelled.

19. (Original) A compound according to claim 1 selected from the group consisting of  
(3R)-1-(3-pyridinyl)pyrrolidinylamine;  
N-methyl-N-[(3R)-1-(3-pyridinyl)pyrrolidinyl]amine;  
(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-methoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(5-methoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(5-methoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(5-methoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-bromo-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-bromo-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-bromo-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-bromo-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-bromo-6-chloro-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(5-bromo-6-chloro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(5-bromo-6-chloro-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(5-bromo-6-chloro-3-pyridinyl)pyrrolidinyl]-N-methylamine;

(3S)-1-(6-bromo-5-chloro-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-bromo-5-chloro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-chloro-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-bromo-5-chloro-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-cyano-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(5-cyano-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(5-cyano-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(5-cyano-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-(5-ethynyl-3-pyridinyl)pyrrolidinylamine;  
N-[(3S)-1-(5-ethynyl-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3R)-1-(5-ethynyl-3-pyridinyl)pyrrolidinylamine;  
N-[(3R)-1-(5-ethynyl-3-pyridinyl)pyrrolidinyl]-N-methylamine;  
(3S)-1-furo[3,2-b]pyridin-6-ylpyrrolidinylamine;  
N-[(3S)-1-furo[3,2-b]pyridin-6-ylpyrrolidinyl]-N-methylamine;  
(3R)-1-furo[3,2-b]pyridin-6-ylpyrrolidinylamine;  
N-[(3R)-1-furo[3,2-b]pyridin-6-ylpyrrolidinyl]-N-methylamine;  
1-(6-chloro-3-pyridinyl)-3-methyl-3-pyrrolidinylamine;  
N-[1-(6-chloro-3-pyridinyl)-3-methyl-3-pyrrolidinyl]-N-methylamine;  
1-(3-pyridinyl)-3-methyl-3-pyrrolidinylamine;  
N-[1-(3-pyridinyl)-3-methyl-3-pyrrolidinyl]-N-methylamine;  
(3S)-1-(5,6-dichloro-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(5,6-dichloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5,6-dichloro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5,6-dichloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-chloro-5-methyl-3-pyridinyl)piperidinylamine;  
(3R)-1-(6-chloro-5-methyl-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-chloro-5-methyl-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(5-methoxy-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(5-methoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5-methoxy-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5-methoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-bromo-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-bromo-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-bromo-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-bromo-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(5-fluoro-3-pyridinyl)piperidinylamine;

N-[(3S)-1-(5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5-fluoro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(5-bromo-6-chloro-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(5-bromo-6-chloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5-bromo-6-chloro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5-bromo-6-chloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-bromo-5-chloro-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-bromo-5-chloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-chloro-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-bromo-5-chloro-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(5-cyano-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(5-cyano-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5-cyano-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5-cyano-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-(5-ethynyl-3-pyridinyl)piperidinylamine;  
N-[(3S)-1-(5-ethynyl-3-pyridinyl)piperidinyl]-N-methylamine;  
(3R)-1-(5-ethynyl-3-pyridinyl)piperidinylamine;  
N-[(3R)-1-(5-ethynyl-3-pyridinyl)piperidinyl]-N-methylamine;  
(3S)-1-furo[3,2-b]pyridin-6-ylpiperidinylamine;  
N-[(3S)-1-furo[3,2-b]pyridin-6-ylpiperidinyl]-N-methylamine;  
(3R)-1-furo[3,2-b]pyridin-6-ylpiperidinylamine;  
N-[(3R)-1-furo[3,2-b]pyridin-6-ylpiperidinyl]-N-methylamine;  
(3S)-1-(3-pyridinyl)azepanylamine;  
N-methyl-N-[(3S)-1-(3-pyridinyl)azepanyl]amine;  
(3R)-1-(3-pyridinyl)azepanylamine;  
N-methyl-N-[(3R)-1-(3-pyridinyl)azepanyl]amine;  
(3S)-1-(6-chloro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-chloro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5,6-dichloro-3-pyridinyl)azepanylamine;

N-[(3S)-1-(5,6-dichloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5,6-dichloro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5,6-dichloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-chloro-5-methyl-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-chloro-5-methyl-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-chloro-5-methyl-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-chloro-5-methyl-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5-methoxy-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5-methoxy-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-bromo-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-bromo-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-bromo-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-bromo-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5-bromo-6-chloro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(5-bromo-6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5-bromo-6-chloro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5-bromo-6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-bromo-5-chloro-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-bromo-5-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-bromo-5-chloro-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-bromo-5-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5-cyano-3-pyridinyl)azepanylamine;

N-[(3S)-1-(5-cyano-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5-cyano-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5-cyano-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-(5-ethynyl-3-pyridinyl)azepanylamine;  
N-[(3S)-1-(5-ethynyl-3-pyridinyl)azepanyl]-N-methylamine;  
(3R)-1-(5-ethynyl-3-pyridinyl)azepanylamine;  
N-[(3R)-1-(5-ethynyl-3-pyridinyl)azepanyl]-N-methylamine;  
(3S)-1-furo[3,2-b]pyridin-6-ylazepanylamine;  
N-[(3S)-1-furo[3,2-b]pyridin-6-ylazepanyl]-N-methylamine;  
(3R)-1-furo[3,2-b]pyridin-6-ylazepanylamine;  
N-[(3R)-1-furo[3,2-b]pyridin-6-ylazepanyl]-N-methylamine;  
(4S)-1-(3-pyridinyl)azepanylamine;  
N-methyl-N-[(4S)-1-(3-pyridinyl)azepanyl]amine;  
(4R)-1-(3-pyridinyl)azepanylamine;  
N-methyl-N-[(4R)-1-(3-pyridinyl)azepanyl]amine;  
(4S)-1-(6-chloro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-chloro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5,6-dichloro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5,6-dichloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5,6-dichloro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5,6-dichloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-chloro-5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-chloro-5-methyl-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-chloro-5-methyl-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-chloro-5-methyl-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-chloro-5-methyl-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5-methoxy-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5-methoxy-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5-methoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-bromo-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-bromo-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-bromo-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-bromo-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5-fluoro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5-fluoro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanylamine;

N-[(4S)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-chloro-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-bromo-5-fluoro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5-bromo-6-chloro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5-bromo-6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5-bromo-6-chloro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5-bromo-6-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-bromo-5-chloro-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-bromo-5-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-bromo-5-chloro-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-bromo-5-chloro-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(6-bromo-5-ethoxy-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5-cyano-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5-cyano-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5-cyano-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5-cyano-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-(5-ethynyl-3-pyridinyl)azepanylamine;  
N-[(4S)-1-(5-ethynyl-3-pyridinyl)azepanyl]-N-methylamine;  
(4R)-1-(5-ethynyl-3-pyridinyl)azepanylamine;  
N-[(4R)-1-(5-ethynyl-3-pyridinyl)azepanyl]-N-methylamine;  
(4S)-1-furo[3,2-b]pyridin-6-ylazepanylamine;  
N-[(4S)-1-furo[3,2-b]pyridin-6-ylazepanyl]-N-methylamine;  
(4R)-1-furo[3,2-b]pyridin-6-ylazepanylamine; and  
N-[(4R)-1-furo[3,2-b]pyridin-6-ylazepanyl]-N-methylamine.

20. (Currently Amended) A pharmaceutical composition comprising a therapeutically effective amount of a compound of ~~formula I~~ claim 1 in combination with a pharmaceutically acceptable carrier.

Claim 21 has been cancelled.

22. (Currently Amended) A method of treating a disorder wherein the disorder is ~~ameliorated by controlling neurotransmitter release disorder~~ selected from the group consisting of Alzheimer's disease, Parkinson's disease, attention deficit hyperactivity disorder, depression, nicotinic withdrawal syndrome, Tourette's syndrome, and schizophrenia in a host mammal in need of such treatment comprising administering a therapeutically effective amount of a compound of ~~formula I~~ claim 1.



Claim 23 has been cancelled.

24. (Original) The method according to claim 22 wherein the disorder is pain.

Claims 25-38 have been cancelled.